

Konftel 800 and Cisco CUCM

Cisco has information on how to register non-cisco SIP phone on their [web page](#).

Please see simplified instructions below for how to add a third-party SIP device in CUCM version 7.1.

Connect to your CUCM server (<http://mycucm/ccmadmin>) and go to System → Security Profile → Phone Security Profile. Search for profiles that contain the string "third-party" and copy the profile named "Third-party SIP Device (Basic) - Standard SIP Non-Secure Profile". Configure the new profile as follows:



Phone Security Profile Configuration

Save Delete Copy Reset Apply Config Add New

Status

Status: Ready

Phone Security Profile Information

Product Type: Third-party SIP Device (Basic)
 Device Protocol: SIP
 Name*: Third-party SIP Device Basic - Digest Required
 Description: Third-party SIP Device (Basic) - Digest Required
 Nonce Validity Time*: 600
 Transport Type*: TCP+UDP
 Enable Digest Authentication

Parameters used in Phone

SIP Phone Port*: 5060

Save Delete Copy Reset Apply Config Add New

Save your settings.

Add the User

Go to User Management → End User. The information you need to configure (values shown are used in our example):

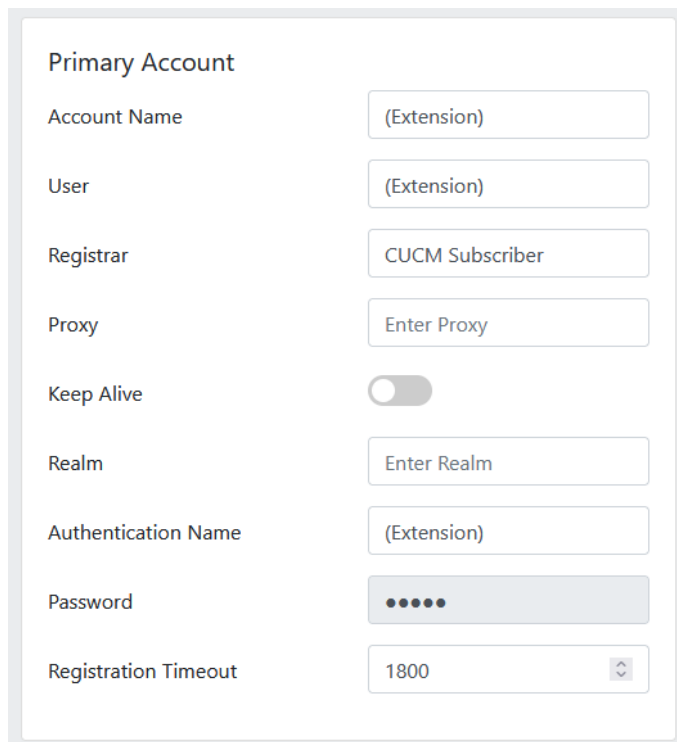
- User ID: (any user id but recommended to use extension)
- Password: (this is not used by our Sip endpoint but you should always have one)
- PIN: (this is not used by our sip endpoint but you should always have one)
- Last Name: (Any name)
- First Name: (Any name)
- Digest Credentials: ***** (this is used as Password in SIP endpoint)

Add the SIP Phone

Go to Device → Phone. Click on Add and select "Third-Party SIP Device (Basic)". At a minimum, you should configure the following settings (values shown are used in our example):

- MAC Address: (MAC address of phone)
- Description: Konftel 800 conference room
- Device Pool: (You should use a device pool that makes sense in your environment.)
- Calling Search Space: HQ_User-Std_CSS (this should be a CSS that fits into your dial plan, just like a standard Cisco SCCP station)
- Device Security Profile: Third-party SIP Device (Basic) - Digest Required
- Owner User ID: (extension)
- Digest User ID: (extension)

In the Konftel 800 you go to Settings->SIP in the Konftel web interface and fill out the data from above:



The screenshot shows a configuration form titled "Primary Account" with the following fields and values:

Field	Value
Account Name	(Extension)
User	(Extension)
Registrar	CUCM Subscriber
Proxy	Enter Proxy
Keep Alive	<input type="checkbox"/>
Realm	Enter Realm
Authentication Name	(Extension)
Password	•••••
Registration Timeout	1800

CUCM subscriber should be the IP address and Password is the Digest Credentials from above